

‘ This report summarizes the time-dependent portion of your electricity charges, the portion of the charges dependent on your usage patterns. It also compares your charges relative to those of others in your “peer group” – those within the same North American Industry (NAICS) code and subscribed to the same time of use rate (TOU). It is provided to you for your information and as a backdrop for the conversation with Southern California Edison (SCE) to find opportunities for savings.

The analysis is performed by back-casting your last year’s consumption to the rates currently in effect. As such, it is a forecast of your future payments, not an accurate replica of your earlier ones.

Components of the Bill

The time-dependent part of an electric bill has three main components: energy charges, facility charges, and demand charges. The first component - energy charges - are collected to recover your utility’s cost to procure electricity. They are calculated by multiplying your consumption over a given time interval by the price of electricity at the same interval and summing these charges over the billing period (typically a calendar month) The remaining two components are The makeup of these charges for the year and by month are shown in Figures ?? and ??, respectively.

Note that the demand charges are collected only in the four summer months, yet they account for 60.3% of the total annual bill. The expected annual charges by bill component are summarized in Table ??.

Table 1: Components of Annual Electric Bill

Bill component	Amount [\$]
Facility	22017.18
Energy	22271.23
Demand	11785.57
Total	56073.98

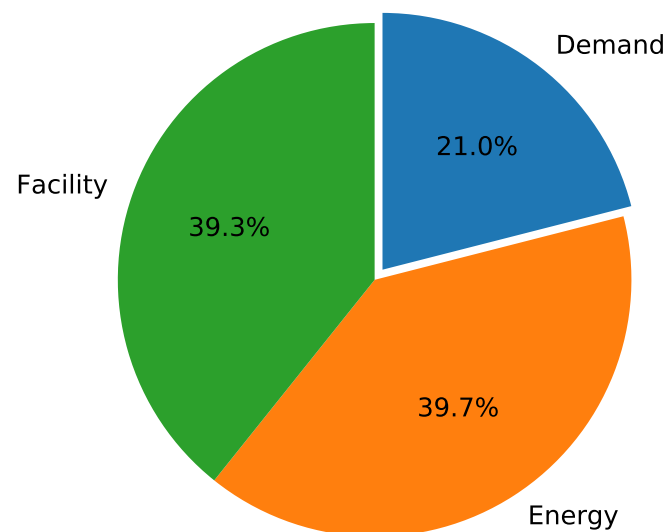


Figure 1: Makeup of annual charges

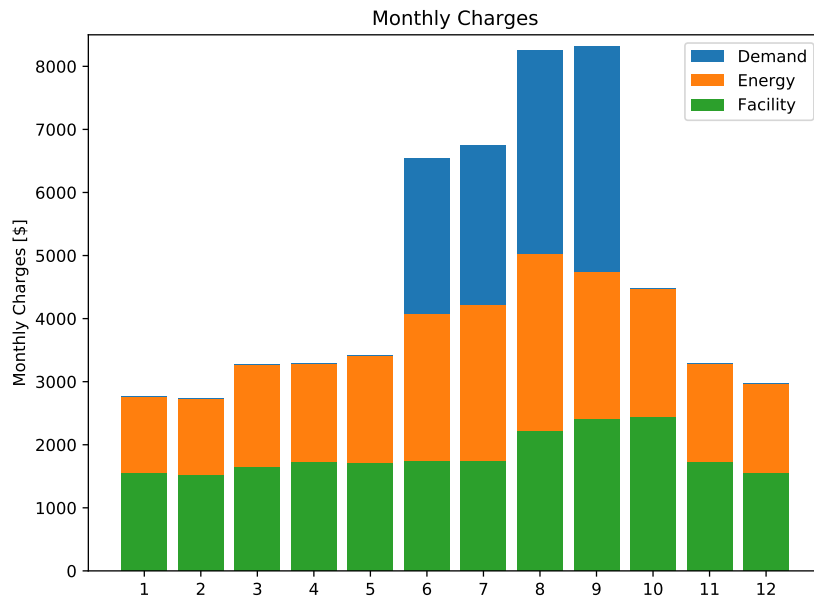


Figure 2: Makeup of monthly charges

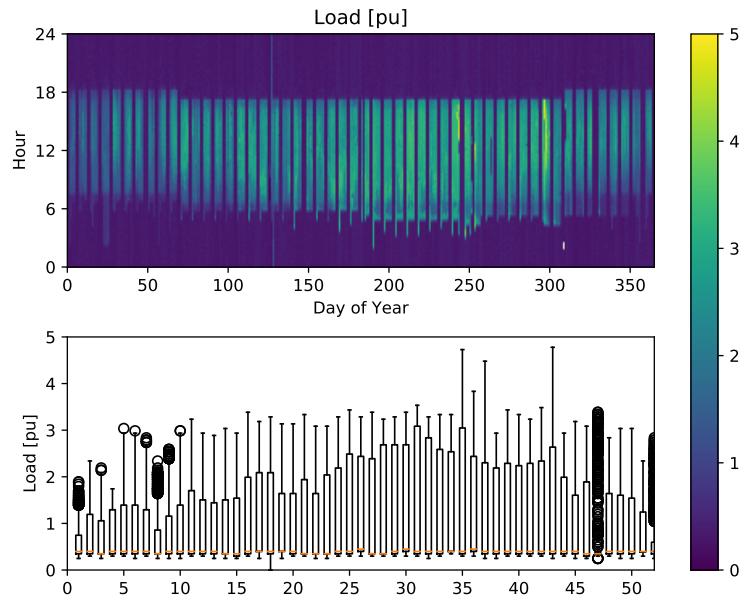


Figure 3: Normalized consumption for C990ZA

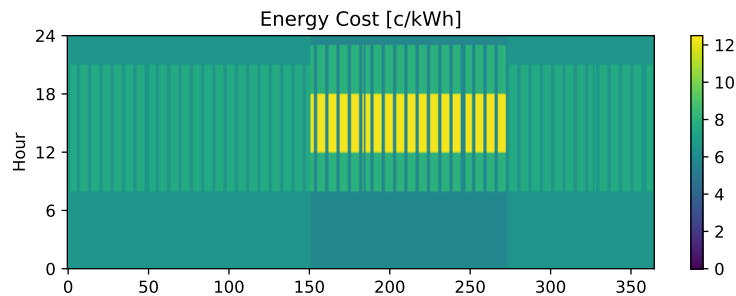


Figure 4: Energy price on TOU-GS3-B

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Table 2: Monthly Energy Charges

Month	Charge [\$]	Month	Charge [\$]
Jan	1211.81	Jul	2460.79
Feb	1214.15	Aug	2820.31
Mar	1621.58	Sep	2332.64
Apr	1558.95	Oct	2043.16
Jun	2315.68	Nov	1554.79
May	1711.69	Dec	1425.71
Average	1855.94		

Peer performance

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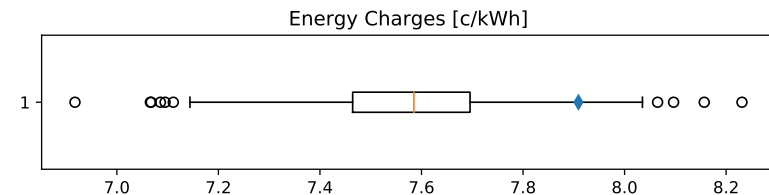


Figure 5: Average annual energy price for C990ZA compared to peers

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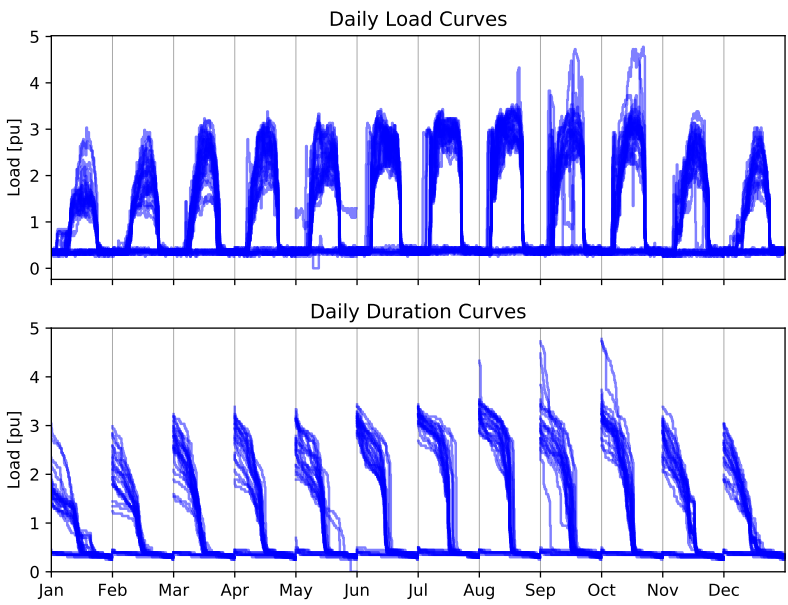


Figure 6: Normalized load and demand profiles for C990ZA

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Peer performance

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Table 3: Monthly Demand Charges

Month	Charge [\$]	Month	Charge [\$]
Jan	1550.86	Jul	4283.94
Feb	1525.44	Aug	5431.84
Mar	1652.56	Sep	5984.29
Apr	1728.83	Oct	2440.70
May	1703.41	Nov	1728.83
Jun	4221.19	Dec	1550.86
Average	2816.90		

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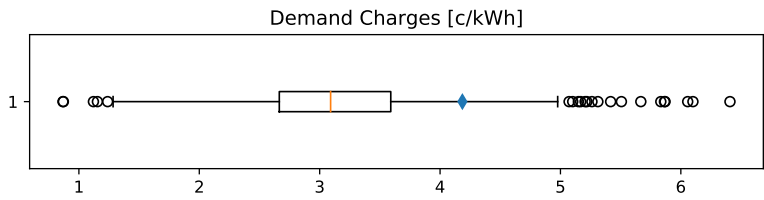


Figure 7: Average annual demand price for C990ZA compared to peers